Amendments to the claims,
    Listing of all claims pursuant to 37 CFR 1.121(c)

This listing of claims will replace all prior versions, and listings, of claims in the application:

What is claimed is:

1. (Currently amended) A method for interactive content retrieval and display at a computer connected to a network and having Internet access, the method comprising:

providing a plurality of portlets selected by a user from a plurality of sources available via the Internet for retrieval of content for display in a user interface of the computer;

in response to user input <u>at the computer, defining a particular message action to be taken in response to user interaction with a first portlet</u>, mapping a <u>the particular</u> message action to a <u>the</u> first portlet to create a messaging portlet for sending a message to a registrar in response to user interaction with the messaging portlet; <u>wherein said registrar is located in a browser at the computer</u>;

creating a listener portlet by registering a second portlet selected by the user with the registrar to receive messages from the messaging portlet;

in response to user interaction with the messaging portlet, retrieving particular content for display in the user interface based on the message received by the listener portlet from the messaging portlet; and

displaying the particular content in the user interface.

2. (Original) The method of claim 1, wherein said plurality of portlets comprise a portal.

3. (Currently amended) The method of claim 1, wherein a portlet retrieves content <u>selected by the user and extracted</u> from a particular source.

4. (Original) The method of claim 1, wherein a portlet displays content in a Web page.

5. (Original) The method of claim 4, wherein the Web page is implemented using a markup language.

6. (Original) The method of claim 5, wherein the markup language comprises a selected one of HyperText Markup Language (HTML), Extensible Markup Language (XML), Extensible Hypertext Markup Language (XHTML), and Compact HyperText Markup Language (cHTML).

7. (Original) The method of claim 1, wherein the first portlet comprises a markup language anchor.

8. (Original) The method of claim 1, wherein said retrieving step includes retrieving a selected one of a Web page, a portion of a Web page, database content, spreadsheet data, documents, files, and information from a Common Gateway Interface.

9. (Original) The method of claim 1, wherein said user interface comprises a browser interface.

10. (Original) The method of claim 1, wherein said messaging portlet is structured as a HyperText Markup Language (HTML) inline frame.

11. (Original) The method of claim 1, wherein the listener portlet is structured as a HyperText Markup Language (HTML) inline frame.

12. (Canceled)

13. (Currently amended) The method of claim 1, wherein said registrar is located in a browser window at the computer passes messages from the messaging portlet to the listener portlet without requiring communication with a remote computer.

14. (Original) The method of claim 13, wherein the browser window comprises a

topmost browser window of a Web page.

15. (Original) The method of claim 1, wherein said messaging portlet is implemented using JavaScript.

16. (Original) The method of claim 1, wherein the messaging portlet sends a JavaScript broadcast message to the listener portlet.

17. (Original) The method of claim 1, wherein the message received from said messaging portlet comprises a selected one of an identifier, text, or an attribute.

18. (Previously presented) The method of claim 1, further comprising:
creating a second listener portlet by registering a third portlet selected by the user with the registrar to receive messages from said messaging portlet; and
in response to user interaction with said messaging portlet, retrieving particular content for display in the user interface based on the message received by the second listener portlet from the messaging portlet.

19. (Previously presented) The method of claim 1, further comprising:
mapping a message action to the listener portlet;
creating a second listener portlet by registering a third portlet selected by the user with the registrar to listen for messages from the listener portlet; and
in response to the message received by the listener portlet from the messaging portlet, retrieving particular content for display in the user interface based on the message received by the second listener portlet from the listener portlet.

20. (Original) A computer-readable medium having processor-executable instructions for performing the method of claim 1.

21. (Original) A downloadable set of processor-executable instructions for performing the method of claim 1.

22. (Currently amended) A system for interactive content retrieval and display at a computer connected to a network access and having Internet access, the system comprising:

a user interface for display of content <u>at the computer</u>;

<u>a wizard module at the computer for a user to create an actioner module by defining a message action and associating the message action with content selected by the user from a plurality of sources available via the Internet</u>;

an actioner module for display of <u>the selected</u> content ~~selected by a user from a plurality of sources available via the Internet~~ in the user interface and sending a message based on user interaction with said actioner module;

a registrar <u>located in a browser at the computer</u> for receiving the message from said actioner module and routing the message to at least one listener module registered to receive the message; and

at least one listener module selected by the user registered for receiving the message from the registrar and retrieving and displaying content in the user interface based on the message sent by the actioner module.

23. (Original) The system of claim 22, wherein said actioner module comprises a portlet.

24. (Currently amended) The system of claim 23, wherein said portlet retrieves <u>and extracts</u> content from a particular source.

25. (Original) The system of claim 22, wherein at least one listener module displays content in a Web page.

26. (Original) The system of claim 25, wherein the Web page is implemented using a markup language.

27. (Original) The system of claim 26, wherein the markup language comprises a

selected one of HyperText Markup Language (HTML), Extensible Markup Language (XML), Extensible Hypertext Markup Language (XHTML), and Compact HyperText Markup Language (cHTML).

28. (Original) The system of claim 22, wherein said actioner module comprises a markup language anchor.

29. (Original) The system of claim 22, wherein said at least one listener module retrieves a selected one of a Web page, a portion of a Web page, database content, spreadsheet data, documents, files, and information from a Common Gateway Interface.

30. (Original) The system of claim 22, wherein said user interface comprises a browser interface.

31. (Original) The system of claim 22, wherein said actioner module is structured as a HyperText Markup Language (HTML) inline frame.

32. (Original) The system of claim 22, wherein said at least one listener module is structured as a HyperText Markup Language (HTML) inline frame.

33. (Original) The system of claim 22, wherein said at least one listener module registers with the registrar to receive the message from the actioner module.

34. (Currently amended) The system of claim 33, wherein the registrar is located in a browser window at the computer passes messages from the actioner module to the listener module without requiring communication with a remote computer.

35. (Original) The system of claim 34, wherein the browser window comprises a topmost browser window of a Web page.

36. (Original) The system of claim 22, wherein said actioner module is

implemented using JavaScript.

37. (Original) The system of claim 22, wherein the actioner module sends a JavaScript broadcast message in response to user interaction.

38. (Original) The system of claim 22, wherein the message received by said at least one listener module comprises a selected one of an identifier, text, or an attribute.

39. (Currently amended) The system of claim 22, ~~further comprising:~~wherein the wizard module enables a user to select from a plurality of message actions in creating~~a module for mapping a message action to~~ the actioner module~~portlet~~.

40. (Original) The system of claim 22, further comprising:
a listener messaging module registered to receive the message from the actioner module and send a message based on the message received from the actioner module.

41. (Original) The system of claim 40, wherein said listener messaging module retrieves content for display in the user interface based on the message sent by the actioner module.

42. (Currently amended) In a computer connected to a network and having Internet access, a method for collaborative retrieval and display of information in a Web page, the method comprising:
retrieving a plurality of elements selected by a user from a plurality of sources available via the Internet for display of information in a Web page;
creating a registrar for receiving a message and routing the message to at least one listener~~listening~~ element registered to receive the message; wherein said registrar is located in a browser at the computer;
associating a message action specified by the user with a first element for sending a message in response to user interaction with the first element;
registering at least one listener element selected by the user with the registrar for

receiving a message sent by the first element; and

in response to user interaction with the first element, displaying particular information on the Web page based on the message received by said at least one listener element from the first element.

43. (Original) The method of claim 42, wherein said plurality of elements comprise a portal.

44. (Currently amended) The method of claim 42, wherein an element retrieves and extracts information from a particular source.

45. (Original) The method of claim 42, wherein an element comprises a markup language element.

46. (Original) The method of claim 42, wherein the first element comprises a markup language anchor.

47. (Original) The method of claim 42, wherein said displaying step includes displaying a selected one of a Web page, a portion of a Web page, database content, spreadsheet data, documents, files, and information from a Common Gateway Interface.

48. (Original) The method of claim 42, wherein said Web page is displayed by a Web browser.

49. (Original) The method of claim 42, wherein said first element is structured as a HyperText Markup Language (HTML) inline frame.

50. (Currently amended) The method of claim 42, wherein said at least one listener element collaborative element is structured as a HyperText Markup Language (HTML) inline frame.

51. (Currently amended) The method of claim 42, wherein said ~~displaying~~ ~~creating a registrar~~ step includes ~~displaying particular content~~ ~~creating the registrar in a browser window~~based on the message received by the listener element; wherein the message is received by the listener element from the first element without requiring communication with a remote computer,

52. (Original) The method of claim 51, wherein the browser window comprises a topmost browser window of a Web page.

53. (Original) The method of claim 42, wherein the first element sends a JavaScript broadcast message in response to user interaction.

54. (Original) The method of claim 42, wherein the message received by said at least one listener element comprises a selected one of an identifier, text, or an attribute.

55. (Original) The method of claim 42, wherein the first element comprises a listening element registered to receive a message from a particular element on the Web page.

56. (Original) The method of claim 55, wherein the first element sends a message when it receives a message from said particular element.

57. (Original) The method of claim 42, wherein at least some of said listener elements have associated message actions for sending messages to other elements.

58. (Original) A computer-readable medium having processor-executable instructions for performing the method of claim 42.

59. (Previously presented) The method of claim 42, further comprising:
downloading a set of processor-executable instructions for performing the method of claim 42.